Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				number: 912810FD5 912810FH6 te: April 15, 1998 April 15, 1999 dissue Date: April 15, 1998 April 15, 1999 october 15, 1999 October 16, 2000 Date: April 15, 2028 April 15, 2029		3-3/8% 30-1/2-Year TIPS TIPS of April 2032 912810FQ6 October 15, 2001 October 15, 2001 April 15, 2032 177.50000	2-3/8% 20-1/2-Year TIPS TIPS of January 2025 912810FR4 July 15, 2004 July 30, 2004 January 31, 2005 July 29, 2005 January 15, 2025 188.49677
Date Ref CPI			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
I	1	2010	252 99500	1.5(252	1.52920	1 42470	1 24150
January	1	2019	252.88500	1.56353	1.53829	1.42470	1.34159
January January	2 3	2019 2019	252.85768 252.83035	1.56336 1.56319	1.53813 1.53796	1.42455 1.42440	1.34144 1.34130
January	3 4	2019	252.80303	1.56302	1.53779	1.42440	1.34115
•	5	2019	252.80303	1.56285	1.53763	1.42424	1.34113
January	6	2019	252.77371	1.56268	1.53746	1.42393	1.34086
January January	7	2019	252.74839	1.56251	1.53740	1.42378	1.34072
•	8	2019	252.69374	1.56235	1.53730	1.42378	1.34072
January	9	2019	252.66642	1.56218	1.53696	1.42347	1.34043
January January	10	2019	252.63910	1.56201	1.53680	1.42347	1.34028
January	11	2019	252.63910	1.56184	1.53663	1.42332	1.34014
January	12	2019	252.58445	1.56167	1.53646	1.42310	1.33999
January	13	2019	252.56443	1.56150	1.53630	1.42286	1.33985
January	13	2019	252.52981	1.56133	1.53613	1.42270	1.33970
January	15	2019	252.50248	1.56116	1.53597	1.42255	1.33956
January	16	2019	252.47516	1.56099	1.53580	1.42240	1.33941
January	17	2019	252.44784	1.56083	1.53563	1.42224	1.33927
January	18	2019	252.42052	1.56066	1.53547	1.42224	1.33927
January	19	2019	252.39319	1.56049	1.53530	1.42193	1.33898
January	20	2019	252.36587	1.56032	1.53513	1.42178	1.33883
January	21	2019	252.33855	1.56015	1.53497	1.42163	1.33869
January	22	2019	252.33633	1.55998	1.53480	1.42147	1.33854
January	23	2019	252.28390	1.55981	1.53464	1.42132	1.33840
January	24	2019	252.25658	1.55964	1.53447	1.42116	1.33825
January	25	2019	252.22926	1.55947	1.53447	1.42110	1.33811
January	26	2019	252.20194	1.55930	1.53414	1.42086	1.33796
January	27	2019	252.17461	1.55914	1.53397	1.42070	1.33782
January	28	2019	252.14729	1.55897	1.53380	1.42075	1.33767
January	29	2019	252.11997	1.55880	1.53364	1.42039	1.33753
January	30	2019	252.09265	1.55863	1.53347	1.42024	1.33738
January	31	2019	252.06532	1.55846	1.53331	1.42009	1.33724
			September 2	2018 252.439	October 2018 252.8	385 Novembe	er 2018 252.038

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				2% 20-Year TIPS TIPS of January 2026 912810FS2 January 15, 2006 January 31, 2006 July 31, 2006 January 15, 2026 198.47742	2-3/8% 20-Year TIPS TIPS of January 2027 912810PS1 January 15, 2007 January 31, 2007 July 31, 2007 January 15, 2027 201.66452	1-3/4% 20-Year TIPS TIPS of January 2028 912810PV4 January 15, 2008 January 31, 2008 July 31, 2008 January 15, 2028 209.49645	2-1/8% 10-Year TII Series A-2019 912828JX9 January 15, 2009 January 15, 2009 April 15, 2009 January 15, 2019 214.69971
Dat	e		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
T		2019	252.88500	1.07410	1.25399	1.20711	1 17705
January	1	2019	252.88500	1.27412	1.25399	1.20/11	1.17785 1.17773
January	2 3	2019	252.83768	1.27399 1.27385	1.25385	1.20698	1.17760
January		2019	252.83035	1.27385	1.25372	1.20685	1.17760
January	4 5	2019	252.80303	1.27371	1.25358	1.20672	1.17747
January							
January	6	2019	252.74839	1.27344	1.25331	1.20646	1.17722
January	7	2019	252.72106	1.27330	1.25318	1.20633	1.17709
January	8	2019	252.69374	1.27316	1.25304	1.20620	1.17696
January	9	2019	252.66642	1.27302	1.25290	1.20607	1.17684
January	10	2019	252.63910	1.27289	1.25277	1.20593	1.17671
January	11	2019	252.61177	1.27275	1.25263	1.20580	1.17658
January	12	2019	252.58445	1.27261	1.25250	1.20567	1.17645
January	13	2019	252.55713	1.27247	1.25236	1.20554	1.17633
January	14	2019	252.52981	1.27234	1.25223	1.20541	1.17620
January	15	2019	252.50248	1.27220	1.25209	1.20528	1.17607
January	16	2019	252.47516	1.27206	1.25196	1.20515	
January	17	2019	252.44784	1.27192	1.25182	1.20502	
January	18	2019	252.42052	1.27178	1.25169	1.20489	
January	19	2019	252.39319	1.27165	1.25155	1.20476	
January	20	2019	252.36587	1.27151	1.25141	1.20463	
January	21	2019	252.33855	1.27137	1.25128	1.20450	
January	22	2019	252.31123	1.27123	1.25114	1.20437	
January	23	2019	252.28390	1.27110	1.25101	1.20424	
January	24	2019	252.25658	1.27096	1.25087	1.20411	
January	25	2019	252.22926	1.27082	1.25074	1.20398	
January	26	2019	252.20194	1.27068	1.25060	1.20385	
January	27	2019	252.17461	1.27055	1.25047	1.20372	
January	28	2019	252.14729	1.27041	1.25033	1.20359	
January	29	2019	252.11997	1.27027	1.25019	1.20346	
January	30	2019	252.09265	1.27013	1.25006	1.20333	
January	31	2019	252.06532	1.26999	1.24992	1.20320	
	ISA) for:		September 2	018 252.439	October 2018 252.	I .	<u> </u>

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				2-1/2% 20-Year TIPS TIPS of January 2029 912810PZ5 January 15, 2009 January 30, 2009 July 31, 2009 January 15, 2029 214.69971	1-7/8% 10-Year TIPS Series D-2019 912828LA6 July 15, 2009 July 15, 2009 October 15, 2009 July 15, 2019 213.51819	1-3/8% 10-Year TIPS Series A-2020 912828MF4 January 15, 2010 January 15, 2010 April 15, 2010 January 15, 2020 216.24610	2-1/8% 30-Year TIPS TIPS of February 2040 912810QF8 February 15, 2010 February 26, 2010 August 31, 2010 February 15, 2040 216.13950	
Dat	e		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
January	1	2019	252.88500	1.17785	1.18437	1.16943	1.17001	
January	2	2019	252.85768	1.17773	1.18424	1.16931	1.16988	
January	3	2019	252.83035	1.17760	1.18412	1.16918	1.16976	
January	4	2019	252.80303	1.17747	1.18399	1.16905	1.16963	
January	5	2019	252.77571	1.17735	1.18386	1.16893	1.16950	
January	6	2019	252.74839	1.17722	1.18373	1.16880	1.16938	
January	7	2019	252.72106	1.17709	1.18360	1.16867	1.16925	
January	8	2019	252.69374	1.17696	1.18348	1.16855	1.16912	
January	9	2019	252.66642	1.17684	1.18335	1.16842	1.16900	
January	10	2019	252.63910	1.17671	1.18322	1.16829	1.16887	
January	11	2019	252.61177	1.17658	1.18309	1.16817	1.16874	
January	12	2019	252.58445	1.17645	1.18296	1.16804	1.16862	
January	13	2019	252.55713	1.17633	1.18284	1.16792	1.16849	
January	14	2019	252.52981	1.17620	1.18271	1.16779	1.16836	
January	15	2019	252.50248	1.17607	1.18258	1.16766	1.16824	
January	16	2019	252.47516	1.17595	1.18245	1.16754	1.16811	
January	17	2019	252.44784	1.17582	1.18232	1.16741	1.16799	
January	18	2019	252.42052	1.17569	1.18220	1.16728	1.16786	
January	19	2019	252.39319	1.17556	1.18207	1.16716	1.16773	
January	20	2019	252.36587	1.17544	1.18194	1.16703	1.16761	
January	21	2019	252.33855	1.17531	1.18181	1.16690	1.16748	
January	22	2019	252.31123	1.17518	1.18168	1.16678	1.16735	
January	23	2019	252.28390	1.17505	1.18156	1.16665	1.16723	
January	24	2019	252.25658	1.17493	1.18143	1.16653	1.16710	
January	25	2019	252.22926	1.17480	1.18130	1.16640	1.16697	
January	26	2019	252.20194	1.17467	1.18117	1.16627	1.16685	
January	27	2019	252.17461	1.17455	1.18105	1.16615	1.16672	
January	28	2019	252.14729	1.17442	1.18092	1.16602	1.16660	
January	29	2019	252.11997	1.17429	1.18079	1.16589	1.16647	
January	30	2019	252.09265	1.17416	1.18066	1.16577	1.16634	
January	31	2019	252.06532	1.17404	1.18053	1.16564	1.16622	
CD7 71 A	ISA) for:		September 2	018 252.439		October 2018 252.885 November 2018		

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				July 15, 2010 January 15, 2011 De Date: July 15, 2010 January 31, 2011 September 15, 2010 March 31, 2011 November 15, 2010 May 31, 2011 Te: July 15, 2020 January 15, 2021		2-1/8% 30-Year TIPS TIPS of February 2041 912810QP6 February 15, 2011 February 28, 2011 June 30, 2011 October 31, 2011 February 15, 2041 218.99100	0-5/8% 10-Year TIPS Series D-2021 912828QV5 July 15, 2011 July 29, 2011 September 30, 2011 November 30, 2011 July 15, 2021 225.38381	
Date Ref CPI			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
January	1 20)19 2	252.88500	1.15957	1.15603	1.15477	1.12202	
January			252.86366	1.15944	1.15591	1.15465	1.12190	
January			252.83035	1.15932	1.15578	1.15452	1.12178	
January			252.80303	1.15919	1.15566	1.15440	1.12176	
January			252.77571	1.15907	1.15553	1.15427	1.12153	
January			252.74839	1.15894	1.15541	1.15415	1.12141	
January			252.72106	1.15882	1.15528	1.15402	1.12129	
January	8 20)19 2	252.69374	1.15869	1.15516	1.15390	1.12117	
January	9 20)19 2	252.66642	1.15857	1.15503	1.15378	1.12105	
January	10 20)19 2	252.63910	1.15844	1.15491	1.15365	1.12093	
January	11 20)19 2	252.61177	1.15832	1.15478	1.15353	1.12081	
January	12 20)19 2	252.58445	1.15819	1.15466	1.15340	1.12069	
January	13 20)19 2	252.55713	1.15807	1.15453	1.15328	1.12056	
January	14 20)19 2	252.52981	1.15794	1.15441	1.15315	1.12044	
January	15 20)19 2	252.50248	1.15782	1.15428	1.15303	1.12032	
January	16 20)19 2	252.47516	1.15769	1.15416	1.15290	1.12020	
January			252.44784	1.15756	1.15403	1.15278	1.12008	
January)19 2	252.42052	1.15744	1.15391	1.15265	1.11996	
January			252.39319	1.15731	1.15378	1.15253	1.11984	
January			252.36587	1.15719	1.15366	1.15240	1.11972	
January			252.33855	1.15706	1.15353	1.15228	1.11959	
January			252.31123	1.15694	1.15341	1.15215	1.11947	
January			252.28390	1.15681	1.15328	1.15203	1.11935	
January			252.25658	1.15669	1.15316	1.15190	1.11923	
January			252.22926	1.15656	1.15303	1.15178	1.11911	
January			252.20194	1.15644	1.15291	1.15165	1.11899	
January			252.17461	1.15631	1.15278	1.15153	1.11887	
January			252.14729	1.15619	1.15266	1.15140	1.11875	
January			252.11997	1.15606	1.15253	1.15128	1.11863	
January			252.09265	1.15594	1.15241	1.15116	1.11850	
January	31 20)19 2	252.06532	1.15581	1.15229	1.15103	1.11838	
CPI-U (NSA) for: September				018 252.439	October 2018 252	.885 Novembe	er 2018 252.038	

January 1 2019 252.88500 1.11731 1.11916 1.09968 1.0955 January 2 2019 252.85768 1.11718 1.11903 1.09956 1.0955 January 3 2019 252.83035 1.11706 1.11891 1.09944 1.0953 January 4 2019 252.80303 1.11694 1.11879 1.09932 1.0952 January 5 2019 252.77571 1.11682 1.11867 1.09920 1.0951 January 6 2019 252.74839 1.11670 1.11855 1.09908 1.0948 January 7 2019 252.72106 1.11658 1.11843 1.09896 1.0948 January 8 2019 252.69374 1.11646 1.11831 1.09884 1.0947 January 9 2019 252.66642 1.11634 1.11819 1.09873 1.0948 January 10 2019 252.61177 1.11610 1.117	Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				912828SA9 912810QV3 February 15, 2012 February 29, 2012 June 29, 2012 June 29, 2012 May 31, 2012 October 31, 2012 Tebruary 15, 2022 June 29, 2042 June 2		0-1/8% 10-Year TIPS Series D-2022 912828TE0 July 15, 2012 July 31, 2012 September 28, 2012 November 30, 2012 July 15, 2022 229.96306	0-1/8% 10-Year TIPS Series A-2023 912828UH1 January 15, 2013 January 31, 2013 March 28, 2013 May 31, 2013 January 15, 2023 230.82203	
January 2 2019 252,85768 1.11718 1.11903 1.09956 1.0954 1.0954 1.0954 1.0954 1.0954 1.0954 1.0954 1.0953 1.0954 1.0954 1.0953 1.0954 1.0953 1.0954 1.0953 1.0954 1.0953 1.0952 1.0954 1.0962 1.0954 1.0966 1.0952 1.0966 1.0952 1.0966 1.0952 1.0966 1.0952 1.0966 1.0952 1.0966 1.0952 1.0966 1.0952 1.0966 1.0952 1.0966 1.0952 1.0966 1.0952 1.0966 1.0952 1.0966 1.0952 1.0966 1	Date	e		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
January 2 2019 252.85768 1.11718 1.11903 1.09956 1.0954 1.0954 1.0954 1.0954 1.0954 1.0953 January 4 2019 252.83035 1.11706 1.11891 1.09944 1.0953 January 5 2019 252.87571 1.11682 1.11867 1.09920 1.0951 January 6 2019 252.74839 1.11670 1.11855 1.09908 1.0949 January 7 2019 252.74839 1.11670 1.11855 1.09908 1.0949 January 8 2019 252.69374 1.11646 1.11831 1.09884 1.0948 January 9 2019 252.66642 1.11634 1.11831 1.09884 1.0944 January 10 2019 252.66642 1.11634 1.11819 1.09873 1.0946 January 11 2019 252.63910 1.11622 1.11807 1.09861 1.0945 January 12 2019 252.54177 1.11610 1.11795 1.09849 1.0944 January 12 2019 252.58445 1.11598 1.11783 1.09837 1.0942 January 13 2019 252.55713 1.11586 1.11770 1.09825 1.09841 January 14 2019 252.52981 1.11574 1.11758 1.09813 1.0943 January 15 2019 252.52948 1.11574 1.11758 1.09813 1.0943 January 15 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 18 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 18 2019 252.47516 1.11549 1.11722 1.09778 1.0938 January 19 2019 252.39319 1.11513 1.11698 1.09754 1.0938 January 20 2019 252.36587 1.11501 1.11686 1.09742 1.0933 January 22 2019 252.3123 1.11477 1.11662 1.09718 1.0934 January 25 2019 252.2568 1.11441 1.11625 1.09683 1.0927 January 25 2019 252.2568 1.11441 1.11625 1.09683 1.0927 January 25 2019 252.214761 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.21461 1.11417 1.11601 1.09659 1.0928 January 28 2019 252.21461 1.11417 1.11601 1.09659 1.0928 January 28 2019 252.214761 1.11405 1.11589 1.11577 1.09635 1.0928 January 28 2019 252	Januarv	1	2019	252.88500	1.11731	1.11916	1.09968	1.09558	
January 3 2019 252.83035 1.11706 1.11891 1.09944 1.0952 January 4 2019 252.8303 1.11694 1.11879 1.09932 1.0952 January 5 2019 252.74839 1.11670 1.11855 1.09908 1.0949 January 6 2019 252.72106 1.11658 1.11843 1.09896 1.0949 January 8 2019 252.72106 1.11658 1.11843 1.09896 1.0949 January 8 2019 252.66642 1.11634 1.11819 1.09873 1.0946 January 10 2019 252.63910 1.11622 1.11807 1.09861 1.0948 January 11 2019 252.63910 1.11622 1.11807 1.09861 1.0943 January 11 2019 252.58445 1.11598 1.11795 1.09849 1.0943 January 12 2019 252.55445 1.11598 1.11783 1.09837 1.0944 January 13 2019 252.55713 1.11586 1.11770 1.09825 1.0941 January 14 2019 252.52948 1.11574 1.11758 1.09813 1.0943 January 15 2019 252.50248 1.11562 1.11746 1.09801 1.0935 January 17 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 18 2019 252.42052 1.11525 1.11710 1.09766 1.0935 January 19 2019 252.33815 1.11549 1.11513 1.11698 1.09778 1.0936 January 20 2019 252.33855 1.11489 1.11674 1.09730 1.0935 January 21 2019 252.33855 1.11489 1.11674 1.09730 1.0933 January 22 2019 252.33855 1.11489 1.11674 1.09730 1.0932 January 24 2019 252.23855 1.11489 1.11674 1.09766 1.09718 1.0931 January 25 2019 252.23855 1.11489 1.11677 1.11662 1.09718 1.0931 January 25 2019 252.23855 1.11489 1.11637 1.09694 1.0928 January 27 2019 252.23855 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.25658 1.11417 1.11601 1.09659 1.0925 January 27 2019 252.25658 1.11417 1.11601 1.09659 1.0925 January 29 2019 252.14729 1.11405 1.11417 1.11601 1.09659 1.0925 January 29 2019 252.14729 1.1140	•	2	2019	252.85768	1.11718	1.11903	1.09956	1.09547	
January 5 2019 252.77571 1.11682 1.11867 1.09920 1.0951 January 6 2019 252.74839 1.11670 1.11855 1.09908 1.0949 January 7 2019 252.72106 1.11658 1.11843 1.09896 1.0948 January 8 2019 252.60374 1.11646 1.11831 1.09884 1.0947 January 9 2019 252.66642 1.11634 1.11819 1.09873 1.0946 January 10 2019 252.63910 1.11622 1.11807 1.09861 1.0945 January 11 2019 252.61177 1.11610 1.11795 1.09849 1.0944 January 12 2019 252.58445 1.11598 1.11783 1.09837 1.0944 January 13 2019 252.55713 1.11586 1.11770 1.09825 1.0941 January 14 2019 252.52981 1.11574 1.11758 1.09813 1.0940 January 15 2019 252.50248 1.11562 1.11766 1.09825 1.0941 January 16 2019 252.50248 1.11562 1.11746 1.09801 1.0933 January 16 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.44784 1.11537 1.11722 1.09778 1.0938 January 18 2019 252.44784 1.11537 1.11722 1.09778 1.0933 January 18 2019 252.33319 1.11513 1.11698 1.09754 1.0933 January 19 2019 252.33319 1.11513 1.11698 1.09754 1.0933 January 20 2019 252.33855 1.11489 1.11674 1.09730 1.0933 January 21 2019 252.33855 1.11489 1.11662 1.09718 1.0933 January 22 2019 252.33123 1.11477 1.11662 1.09718 1.0933 January 23 2019 252.23355 1.11489 1.11649 1.09706 1.0925 January 24 2019 252.23390 1.11465 1.11649 1.09706 1.0925 January 25 2019 252.23856 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.2390 1.11465 1.11691 1.09669 1.0928 January 27 2019 252.21123 1.114141 1.11625 1.09683 1.0927 January 28 2019 252.2226 1.114141 1.11625 1.09683 1.0927 January 27 2019 252.14729 1.11405 1.11589 1.09647 1.0928 January 29 2019 252.14729 1.11405 1.11589 1.09623 1.0925 January 29 2019 252.14797 1.11393 1.11577 1.09623 1.09623	•		2019	252.83035	1.11706	1.11891	1.09944	1.09535	
January 6 2019 252.74839 1.11670 1.11855 1.09908 1.0949 January 7 2019 252.72106 1.11658 1.11843 1.09896 1.0948 January 8 2019 252.69374 1.11646 1.11831 1.09896 1.0948 January 9 2019 252.66642 1.11634 1.11819 1.09873 1.0946 January 10 2019 252.63910 1.11622 1.11807 1.09861 1.0943 January 11 2019 252.58445 1.11598 1.11783 1.09849 1.0944 January 13 2019 252.55713 1.11586 1.11770 1.09825 1.0941 January 14 2019 252.52981 1.11574 1.11758 1.09813 1.0942 January 16 2019 252.52981 1.11562 1.11746 1.09801 1.0933 January 16 2019 252.47516 1.11549	January	4	2019	252.80303	1.11694	1.11879	1.09932	1.09523	
January 7 2019 252.72106 1.11658 1.11843 1.09896 1.0948 January 8 2019 252.69374 1.11646 1.11831 1.09884 1.0947 January 9 2019 252.66642 1.11634 1.11819 1.09873 1.0946 January 10 2019 252.63910 1.11622 1.11807 1.09861 1.0945 January 11 2019 252.61177 1.11610 1.11795 1.09849 1.0944 January 12 2019 252.58145 1.11586 1.11770 1.09825 1.0941 January 13 2019 252.55713 1.11586 1.11770 1.09825 1.0941 January 14 2019 252.52981 1.11574 1.11758 1.09813 1.0940 January 15 2019 252.50248 1.11562 1.11746 1.09801 1.0933 January 16 2019 252.47816 1.11537 <th< td=""><td>January</td><td>5</td><td>2019</td><td>252.77571</td><td>1.11682</td><td>1.11867</td><td>1.09920</td><td>1.09511</td></th<>	January	5	2019	252.77571	1.11682	1.11867	1.09920	1.09511	
January 8 2019 252.69374 1.11646 1.11831 1.09884 1.0947 January 9 2019 252.66910 1.11634 1.11819 1.09873 1.0946 January 10 2019 252.63910 1.11622 1.11807 1.09861 1.0945 January 11 2019 252.61177 1.11610 1.11795 1.09849 1.0945 January 12 2019 252.58445 1.11598 1.11783 1.09837 1.0942 January 13 2019 252.5713 1.11586 1.11770 1.09825 1.0941 January 14 2019 252.50248 1.11562 1.11746 1.09801 1.0938 January 15 2019 252.50248 1.11562 1.11734 1.09789 1.0938 January 16 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.4052 1.11525	January	6	2019	252.74839	1.11670	1.11855	1.09908	1.09499	
January 9 2019 252.66642 1.11634 1.11819 1.09873 1.0946 January 10 2019 252.63910 1.11622 1.11807 1.09861 1.0945 January 11 2019 252.61177 1.11610 1.11795 1.09849 1.0944 January 12 2019 252.58445 1.11598 1.11783 1.09837 1.0942 January 13 2019 252.55713 1.11586 1.11770 1.09825 1.0941 January 14 2019 252.52981 1.11574 1.11788 1.09813 1.0946 January 15 2019 252.52981 1.11562 1.11746 1.09801 1.0938 January 16 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.47516 1.11537 1.11722 1.09778 1.0938 January 18 2019 252.39319 1.11513 <	January	7	2019	252.72106	1.11658	1.11843	1.09896	1.09487	
January 10 2019 252.63910 1.11622 1.11807 1.09861 1.0945 January 11 2019 252.61177 1.11610 1.11795 1.09849 1.0944 January 12 2019 252.58445 1.11598 1.11783 1.09837 1.0942 January 13 2019 252.52981 1.11586 1.11770 1.09825 1.0941 January 14 2019 252.52981 1.11574 1.11758 1.09813 1.0940 January 15 2019 252.50248 1.11562 1.11746 1.09801 1.0938 January 16 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.44784 1.11537 1.11722 1.09778 1.0938 January 18 2019 252.39319 1.11513 1.11698 1.09754 1.0933 January 20 2019 252.39385 1.11489	January	8	2019	252.69374	1.11646	1.11831	1.09884	1.09476	
January 11 2019 252.61177 1.11610 1.11795 1.09849 1.0944 January 12 2019 252.58445 1.11598 1.11783 1.09837 1.0942 January 13 2019 252.55713 1.11586 1.11770 1.09825 1.0941 January 14 2019 252.52981 1.11574 1.11758 1.09813 1.0941 January 15 2019 252.50248 1.11562 1.11746 1.09801 1.0938 January 16 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.47516 1.11537 1.11722 1.09778 1.0938 January 17 2019 252.42052 1.11525 1.11710 1.09766 1.0935 January 19 2019 252.39319 1.11513 1.11698 1.09754 1.0933 January 20 2019 252.33855 1.11489	January	9	2019	252.66642	1.11634	1.11819	1.09873	1.09464	
January 12 2019 252.58445 1.11598 1.11783 1.09837 1.0942 January 13 2019 252.55713 1.11586 1.11770 1.09825 1.0941 January 14 2019 252.52981 1.11574 1.11788 1.09813 1.0940 January 15 2019 252.50248 1.11562 1.11746 1.09801 1.0938 January 16 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.44784 1.11537 1.11722 1.09778 1.0938 January 18 2019 252.42052 1.11525 1.11710 1.09766 1.0934 January 19 2019 252.39319 1.11513 1.11698 1.09754 1.0934 January 20 2019 252.33855 1.11489 1.11668 1.09742 1.0933 January 22 2019 252.31123 1.11477	January	10	2019	252.63910	1.11622	1.11807	1.09861	1.09452	
January 13 2019 252.55713 1.11586 1.11770 1.09825 1.0941 January 14 2019 252.52981 1.11574 1.11758 1.09813 1.0940 January 15 2019 252.50248 1.11562 1.11746 1.09801 1.0938 January 16 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.44784 1.11537 1.11722 1.09778 1.0938 January 18 2019 252.42052 1.11525 1.11710 1.09766 1.0935 January 19 2019 252.39319 1.11513 1.11698 1.09754 1.0934 January 20 2019 252.33855 1.11489 1.11674 1.09730 1.0933 January 22 2019 252.3123 1.11477 1.11662 1.09718 1.0931 January 23 2019 252.28390 1.11465 <	January	11	2019	252.61177	1.11610	1.11795	1.09849	1.09440	
January 14 2019 252.52981 1.11574 1.11758 1.09813 1.0940 January 15 2019 252.50248 1.11562 1.11746 1.09801 1.0939 January 16 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.44784 1.11537 1.11722 1.09778 1.0936 January 18 2019 252.42052 1.11513 1.11710 1.09766 1.0935 January 19 2019 252.39319 1.11513 1.11698 1.09754 1.0934 January 20 2019 252.36587 1.11501 1.11686 1.09742 1.0934 January 21 2019 252.33855 1.11489 1.11674 1.09730 1.0932 January 22 2019 252.31123 1.11477 1.11662 1.09718 1.0931 January 23 2019 252.25658 1.11453	January	12	2019	252.58445	1.11598	1.11783	1.09837	1.09428	
January 15 2019 252.50248 1.11562 1.11746 1.09801 1.0939 January 16 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.44784 1.11537 1.11722 1.09778 1.0936 January 18 2019 252.42052 1.11525 1.11710 1.09766 1.0935 January 19 2019 252.39319 1.11513 1.11698 1.09754 1.0934 January 20 2019 252.36587 1.11501 1.11686 1.09742 1.0933 January 21 2019 252.33855 1.11489 1.11674 1.09730 1.0932 January 22 2019 252.31123 1.11477 1.11662 1.09718 1.0931 January 23 2019 252.28390 1.11453 1.11637 1.09694 1.0926 January 25 2019 252.29266 1.11441	January	13			1.11586	1.11770		1.09416	
January 16 2019 252.47516 1.11549 1.11734 1.09789 1.0938 January 17 2019 252.44784 1.11537 1.11722 1.09778 1.0936 January 18 2019 252.42052 1.11525 1.11710 1.09766 1.0935 January 19 2019 252.39319 1.11513 1.11698 1.09754 1.0934 January 20 2019 252.36587 1.11501 1.11686 1.09742 1.0933 January 21 2019 252.33855 1.11489 1.11674 1.09730 1.0932 January 22 2019 252.31123 1.11477 1.11662 1.09718 1.0931 January 23 2019 252.28390 1.11465 1.11649 1.09706 1.0926 January 24 2019 252.25658 1.11453 1.11637 1.09694 1.0926 January 25 2019 252.20194 1.11429	January							1.09405	
January 17 2019 252.44784 1.11537 1.11722 1.09778 1.0936 January 18 2019 252.42052 1.11525 1.11710 1.09766 1.0935 January 19 2019 252.39319 1.11513 1.11698 1.09754 1.0934 January 20 2019 252.36587 1.11501 1.11686 1.09742 1.0933 January 21 2019 252.33855 1.11489 1.11674 1.09730 1.0932 January 22 2019 252.31123 1.11477 1.11662 1.09718 1.0931 January 23 2019 252.28390 1.11465 1.11649 1.09706 1.0929 January 24 2019 252.25658 1.11453 1.11637 1.09694 1.0928 January 25 2019 252.22926 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.17461 1.11417	January							1.09393	
January 18 2019 252.42052 1.11525 1.11710 1.09766 1.0935 January 19 2019 252.39319 1.11513 1.11698 1.09754 1.0934 January 20 2019 252.36587 1.11501 1.11686 1.09742 1.0933 January 21 2019 252.33855 1.11489 1.11674 1.09730 1.0932 January 22 2019 252.31123 1.11477 1.11662 1.09718 1.0931 January 23 2019 252.28390 1.11465 1.11649 1.09706 1.0929 January 24 2019 252.25658 1.11453 1.11637 1.09694 1.0928 January 25 2019 252.22926 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.20194 1.11429 1.11613 1.09671 1.0926 January 27 2019 252.14729 1.11405	•							1.09381	
January 19 2019 252.39319 1.11513 1.11698 1.09754 1.0934 January 20 2019 252.36587 1.11501 1.11686 1.09742 1.0933 January 21 2019 252.33855 1.11489 1.11674 1.09730 1.0932 January 22 2019 252.31123 1.11477 1.11662 1.09718 1.0931 January 23 2019 252.28390 1.11465 1.11649 1.09706 1.0929 January 24 2019 252.25658 1.11453 1.11637 1.09694 1.0928 January 25 2019 252.22926 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.20194 1.11429 1.11613 1.09671 1.0926 January 27 2019 252.17461 1.11417 1.11601 1.09659 1.0923 January 28 2019 252.14729 1.11393	•							1.09369	
January 20 2019 252.36587 1.11501 1.11686 1.09742 1.0933 January 21 2019 252.3855 1.11489 1.11674 1.09730 1.0932 January 22 2019 252.31123 1.11477 1.11662 1.09718 1.0931 January 23 2019 252.28390 1.11465 1.11649 1.09706 1.0929 January 24 2019 252.25658 1.11453 1.11637 1.09694 1.0928 January 25 2019 252.22926 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.20194 1.11429 1.11613 1.09671 1.0926 January 27 2019 252.17461 1.11417 1.11601 1.09659 1.0925 January 28 2019 252.14729 1.11405 1.11589 1.09647 1.09635 1.0923 January 29 2019 252.11997 <	•							1.09357	
January 21 2019 252.33855 1.11489 1.11674 1.09730 1.0932 January 22 2019 252.31123 1.11477 1.11662 1.09718 1.0931 January 23 2019 252.28390 1.11465 1.11649 1.09706 1.0929 January 24 2019 252.25658 1.11453 1.11637 1.09694 1.0928 January 25 2019 252.22926 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.20194 1.11429 1.11613 1.09671 1.0926 January 27 2019 252.17461 1.11417 1.11601 1.09659 1.0925 January 28 2019 252.14729 1.11405 1.11589 1.09647 1.0923 January 29 2019 252.11997 1.11393 1.11577 1.09635 1.0922 January 30 2019 252.09265 1.11380	•							1.09345	
January 22 2019 252.31123 1.11477 1.11662 1.09718 1.0931 January 23 2019 252.28390 1.11465 1.11649 1.09706 1.0929 January 24 2019 252.25658 1.11453 1.11637 1.09694 1.0928 January 25 2019 252.22926 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.20194 1.11429 1.11613 1.09671 1.0926 January 27 2019 252.17461 1.11417 1.11601 1.09659 1.0925 January 28 2019 252.14729 1.11405 1.11589 1.09647 1.0923 January 29 2019 252.11997 1.11393 1.11577 1.09635 1.0922 January 30 2019 252.09265 1.11380 1.11565 1.09623 1.0921	•							1.09334	
January 23 2019 252.28390 1.11465 1.11649 1.09706 1.0929 January 24 2019 252.25658 1.11453 1.11637 1.09694 1.0928 January 25 2019 252.22926 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.20194 1.11429 1.11613 1.09671 1.0926 January 27 2019 252.17461 1.11417 1.11601 1.09659 1.0925 January 28 2019 252.14729 1.11405 1.11589 1.09647 1.0923 January 29 2019 252.11997 1.11393 1.11577 1.09635 1.0922 January 30 2019 252.09265 1.11380 1.11565 1.09623 1.0921	•							1.09322	
January 24 2019 252.25658 1.11453 1.11637 1.09694 1.0928 January 25 2019 252.2926 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.20194 1.11429 1.11613 1.09671 1.0926 January 27 2019 252.17461 1.11417 1.11601 1.09659 1.0925 January 28 2019 252.14729 1.11405 1.11589 1.09647 1.0923 January 29 2019 252.11997 1.11393 1.11577 1.09635 1.0922 January 30 2019 252.09265 1.11380 1.11565 1.09623 1.0921	•			1				1.09310	
January 25 2019 252.22926 1.11441 1.11625 1.09683 1.0927 January 26 2019 252.20194 1.11429 1.11613 1.09671 1.0926 January 27 2019 252.17461 1.11417 1.11601 1.09659 1.0925 January 28 2019 252.14729 1.11405 1.11589 1.09647 1.0923 January 29 2019 252.11997 1.11393 1.11577 1.09635 1.0922 January 30 2019 252.09265 1.11380 1.11565 1.09623 1.0921	•								
January 26 2019 252.20194 1.11429 1.11613 1.09671 1.0926 January 27 2019 252.17461 1.11417 1.11601 1.09659 1.0925 January 28 2019 252.14729 1.11405 1.11589 1.09647 1.0923 January 29 2019 252.11997 1.11393 1.11577 1.09635 1.0922 January 30 2019 252.09265 1.11380 1.11565 1.09623 1.0921	•			1				1.09286	
January 27 2019 252.17461 1.11417 1.11601 1.09659 1.0925 January 28 2019 252.14729 1.11405 1.11589 1.09647 1.0923 January 29 2019 252.11997 1.11393 1.11577 1.09635 1.0922 January 30 2019 252.09265 1.11380 1.11565 1.09623 1.0921	•			1	· ·				
January 28 2019 252.14729 1.11405 1.11589 1.09647 1.0923 January 29 2019 252.11997 1.11393 1.11577 1.09635 1.0922 January 30 2019 252.09265 1.11380 1.11565 1.09623 1.0921	•			1					
January 29 2019 252.11997 1.11393 1.11577 1.09635 1.0922 January 30 2019 252.09265 1.11380 1.11565 1.09623 1.0921	•			1		1			
January 30 2019 252.09265 1.11380 1.11565 1.09623 1.0921	•			1					
	•			1					
January 31 2019 232,00332 1.11308 1.11353 1.09011 1.0920	•			1					
CPI-U (NSA) for: September 2018 252.439 October 2018 252.885 November 2018 252.			2017						

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				mber: 912810RA8 912828VM9 sue Date: February 15, 2013 July 15, 2013 Issue Date(s): June 28, 2013 September 30, 2013 October 31, 2013 November 29, 2013 Date: February 15, 2043 July 15, 2023 229,91100 July 15, 2023 232,71797		0-5/8% 10-Year TIPS Series A-2024 912828B25 January 15, 2014 January 31, 2014 March 31, 2014 May 30, 2014 January 15, 2024 233.33058	1-3/8% 30-Year TIPS TIPS of February 204 912810RF7 February 15, 2014 February 28, 2014 June 30, 2014 October 31, 2014 February 15, 2044 233.05900	
Date Ref CPI			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
		2010	252 00500	1.00002	1,00000	1.00201	1.00507	
January	1	2019	252.88500	1.09993	1.08666	1.08381	1.08507	
January	2	2019	252.85768	1.09981	1.08654	1.08369	1.08495	
January	3	2019	252.83035	1.09969	1.08642	1.08357	1.08483	
January	4	2019	252.80303	1.09957	1.08631	1.08345	1.08472	
January	5	2019	252.77571	1.09945	1.08619	1.08334	1.08460	
January	6	2019	252.74839	1.09933	1.08607	1.08322	1.08448	
January	7	2019	252.72106	1.09921	1.08595	1.08310	1.08437	
January	8	2019	252.69374	1.09909	1.08584	1.08299	1.08425	
January	9	2019	252.66642	1.09897	1.08572	1.08287	1.08413	
January	10	2019	252.63910	1.09886	1.08560	1.08275	1.08401	
January	11	2019	252.61177	1.09874	1.08548	1.08263	1.08390	
January	12	2019	252.58445	1.09862	1.08537	1.08252	1.08378	
January	13	2019	252.55713	1.09850	1.08525	1.08240	1.08366	
January	14	2019	252.52981	1.09838	1.08513	1.08228	1.08354	
January	15	2019	252.50248	1.09826	1.08501	1.08217	1.08343	
January	16	2019	252.47516	1.09814	1.08490	1.08205	1.08331	
January	17	2019	252.44784	1.09802	1.08478	1.08193	1.08319	
January	18	2019	252.42052	1.09791	1.08466	1.08181	1.08308	
January	19	2019	252.39319	1.09779	1.08455	1.08170	1.08296	
January	20	2019	252.36587	1.09767	1.08443	1.08158	1.08284	
January	21	2019	252.33855	1.09755	1.08431	1.08146	1.08272	
January	22	2019	252.31123	1.09743	1.08419	1.08135	1.08261	
January	23	2019	252.28390	1.09731	1.08408	1.08123	1.08249	
January	24	2019	252.25658	1.09719	1.08396	1.08111	1.08237	
January	25	2019	252.22926 252.20194	1.09707	1.08384	1.08100	1.08225 1.08214	
January	26	2019		1.09695	1.08372	1.08088		
January	27 28	2019 2019	252.17461 252.14729	1.09684 1.09672	1.08361 1.08349	1.08076 1.08064	1.08202 1.08190	
January January	28 29	2019	252.14729 252.11997	1.09672 1.09660	1.08349	1.08064	1.08190	
•	30	2019	252.11997	1.09660	1.08325	1.08053	1.08179	
January January	31	2019	252.09265	1.09648	1.08325	1.08041	1.08157	
CPI-U	CPI-U (NSA) for: September 2			2018 252.439	October 2018 252.	Novembo	er 2018 252.038	

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				Series X-2019 Series D-2024 umber: 912828C99 912828WU0 te: April 15, 2014 July 15, 2014 Issue Date: April 30, 2014 July 31, 2014 August 29, 2014 September 30, 20 December 31, 2014 November 28, 20 Date: April 15, 2019 July 15, 2024		0-1/4% 10-Year TIPS Series A-2025 912828H45 January 15, 2015 January 30, 2015 March 31, 2015 May 29, 2015 January 15, 2025 236.85403	0-3/4% 30-Year TIPS TIPS of February 204 912810RL4 February 15, 2015 February 27, 2015 June 30, 2015 October 30, 2015 February 15, 2045 235.48150
Date Ref CPI			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1 2	2019	252.88500	1.07923	1.06502	1.06768	1.07391
January		2019	252.85768	1.07911	1.06491	1.06757	1.07379
January		2019	252.83035	1.07900	1.06479	1.06745	1.07367
January	4 2	2019	252.80303	1.07888	1.06468	1.06734	1.07356
January	5 2	2019	252.77571	1.07876	1.06456	1.06722	1.07344
January	6 2	2019	252.74839	1.07865	1.06445	1.06711	1.07333
January	7 2	2019	252.72106	1.07853	1.06433	1.06699	1.07321
January	8 2	2019	252.69374	1.07841	1.06422	1.06688	1.07309
January	9 2	2019	252.66642	1.07830	1.06410	1.06676	1.07298
January	10 2	2019	252.63910	1.07818	1.06399	1.06664	1.07286
January	11 2	2019	252.61177	1.07806	1.06387	1.06653	1.07275
January	12 2	2019	252.58445	1.07795	1.06376	1.06641	1.07263
January	13 2	2019	252.55713	1.07783	1.06364	1.06630	1.07251
January	14 2	2019	252.52981	1.07771	1.06353	1.06618	1.07240
January	15 2	2019	252.50248	1.07760	1.06341	1.06607	1.07228
January	16 2	2019	252.47516	1.07748	1.06330	1.06595	1.07217
January	17 2	2019	252.44784	1.07737	1.06318	1.06584	1.07205
January	18 2	2019	252.42052	1.07725	1.06307	1.06572	1.07193
January	19 2	2019	252.39319	1.07713	1.06295	1.06561	1.07182
January	20 2	2019	252.36587	1.07702	1.06284	1.06549	1.07170
January	21 2	2019	252.33855	1.07690	1.06272	1.06538	1.07159
January		2019	252.31123	1.07678	1.06260	1.06526	1.07147
January		2019	252.28390	1.07667	1.06249	1.06515	1.07135
January		2019	252.25658	1.07655	1.06237	1.06503	1.07124
January		2019	252.22926	1.07643	1.06226	1.06491	1.07112
January		2019	252.20194	1.07632	1.06214	1.06480	1.07101
January		2019	252.17461	1.07620	1.06203	1.06468	1.07089
January		2019	252.14729	1.07608	1.06191	1.06457	1.07077
January		2019	252.11997	1.07597	1.06180	1.06445	1.07066
January		2019	252.09265	1.07585	1.06168	1.06434	1.07054
January	31 2	2019	252.06532	1.07573	1.06157	1.06422	1.07043
CPI-U (I	NSA) for:		September 2	2018 252.439	October 2018 25:	2.885 Novemb	er 2018 252.038

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				mber: e: 912828K33 912828KL9 April 15, 2015 July 15, 2015 Sue Date: April 30, 2015 July 31, 2015 August 31, 2015 September 30, 2015 December 31, 2015 November 30, 2015 April 15, 2020 July 15, 2025		0-5/8% 10-Year TIPS Series A-2026 912828N71 January 15, 2016 January 29, 2016 March 31, 2016 May 31, 2016 January 15, 2026 237.61129	1% 30-Year TIPS TIPS of February 2046 912810RR1 February 15, 2016 February 29, 2016 June 30, 2016 October 31, 2016 February 15, 2046 236.94448
Date Ref CPI			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1 2	2019	252.88500	1.07987	1.06638	1.06428	1.06728
January		2019	252.85768	1.07975	1.06626	1.06417	1.06716
January		2019	252.83035	1.07964	1.06615	1.06405	1.06704
January		2019	252.80303	1.07952	1.06603	1.06394	1.06693
January		2019	252.77571	1.07940	1.06592	1.06382	1.06681
January		2019	252.74839	1.07929	1.06580	1.06371	1.06670
January		2019	252.72106	1.07917	1.06569	1.06359	1.06658
January		2019	252.69374	1.07905	1.06557	1.06348	1.06647
January		2019	252.66642	1.07894	1.06546	1.06336	1.06635
January		2019	252.63910	1.07882	1.06534	1.06325	1.06624
January		2019	252.61177	1.07870	1.06523	1.06313	1.06612
January		2019	252.58445	1.07859	1.06511	1.06302	1.06601
January	13 2	2019	252.55713	1.07847	1.06500	1.06290	1.06589
January	14 2	2019	252.52981	1.07835	1.06488	1.06279	1.06578
January	15 2	2019	252.50248	1.07824	1.06477	1.06267	1.06566
January	16 2	2019	252.47516	1.07812	1.06465	1.06256	1.06555
January	17 2	2019	252.44784	1.07800	1.06454	1.06244	1.06543
January	18 2	2019	252.42052	1.07789	1.06442	1.06233	1.06532
January	19 2	2019	252.39319	1.07777	1.06431	1.06221	1.06520
January	20 2	2019	252.36587	1.07765	1.06419	1.06210	1.06508
January	21 2	2019	252.33855	1.07754	1.06407	1.06198	1.06497
January	22 2	2019	252.31123	1.07742	1.06396	1.06187	1.06485
January	23 2	2019	252.28390	1.07730	1.06384	1.06175	1.06474
January	24 2	2019	252.25658	1.07719	1.06373	1.06164	1.06462
January	25 2	2019	252.22926	1.07707	1.06361	1.06152	1.06451
January	26 2	2019	252.20194	1.07695	1.06350	1.06141	1.06439
January		2019	252.17461	1.07684	1.06338	1.06129	1.06428
January	28 2	2019	252.14729	1.07672	1.06327	1.06118	1.06416
January		2019	252.11997	1.07660	1.06315	1.06106	1.06405
January		2019	252.09265	1.07649	1.06304	1.06095	1.06393
January	31 2	2019	252.06532	1.07637	1.06292	1.06083	1.06382
CPI-U (NSA) for: September			September 2	2018 252.439	October 2018 252	2.885 November	er 2018 252.038

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				iption: P Number: Date: Pale Series X-2021 912828Q60 April 15, 2016 April 29, 2016 April 29, 2016 August 31, 2016 December 30, 2016 April Date: April 15, 2021		S 0-3/8% 10-Year TIPS Series A-2027 912828V49 January 15, 2017 January 31, 2017 March 31, 2017 May 31, 2017 January 15, 2027 241.55919	0-7/8% 30-Year TIPS TIPS of February 204 912810RW0 February 15, 2017 February 28, 2017 June 30, 2017 October 31, 2017 February 15, 2047 241.39250	
Dat	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
January	1	2019	252.88500	1.06699	1.05500	1.04689	1.04761	
January		2019	252.85768	1.06688	1.05489	1.04677	1.04750	
January		2019	252.83035	1.06676	1.05477	1.04666	1.04738	
January		2019	252.80303	1.06665	1.05466	1.04655	1.04727	
January		2019	252.77571	1.06653	1.05454	1.04643	1.04716	
January		2019	252.74839	1.06642	1.05443	1.04632	1.04704	
January	7	2019	252.72106	1.06630	1.05432	1.04621	1.04693	
January	8	2019	252.69374	1.06619	1.05420	1.04609	1.04682	
January	9	2019	252.66642	1.06607	1.05409	1.04598	1.04670	
January	10	2019	252.63910	1.06596	1.05397	1.04587	1.04659	
January	11	2019	252.61177	1.06584	1.05386	1.04576	1.04648	
January	12	2019	252.58445	1.06573	1.05375	1.04564	1.04636	
January	13	2019	252.55713	1.06561	1.05363	1.04553	1.04625	
January	14	2019	252.52981	1.06550	1.05352	1.04542	1.04614	
January	15	2019	252.50248	1.06538	1.05340	1.04530	1.04602	
January		2019	252.47516	1.06526	1.05329	1.04519	1.04591	
January		2019	252.44784	1.06515	1.05318	1.04508	1.04580	
January		2019	252.42052	1.06503	1.05306	1.04496	1.04569	
January		2019	252.39319	1.06492	1.05295	1.04485	1.04557	
January		2019	252.36587	1.06480	1.05283	1.04474	1.04546	
January		2019	252.33855	1.06469	1.05272	1.04462	1.04535	
January		2019	252.31123	1.06457	1.05261	1.04451	1.04523	
January		2019	252.28390	1.06446	1.05249	1.04440	1.04512	
January		2019	252.25658	1.06434	1.05238	1.04428	1.04501	
January		2019	252.22926	1.06423	1.05226	1.04417	1.04489	
January		2019	252.20194	1.06411	1.05215	1.04406	1.04478	
January		2019	252.17461	1.06400	1.05204	1.04395	1.04467	
January		2019	252.14729	1.06388	1.05192	1.04383	1.04455	
January		2019	252.11997	1.06377	1.05181	1.04372	1.04444	
January		2019	252.09265	1.06365	1.05169	1.04361	1.04433	
January	31	2019	252.06532	1.06354	1.05158	1.04349	1.04421	
CPI-U (N	NSA) for:		September 2	2018 252.439	October 2018 25	2.885 Novemb	er 2018 252.038	

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				0-1/8% 5-Year TIPS Series X-2022 912828X39 April 15, 2017 April 28, 2017 August 31, 2017 December 29, 2017 April 15, 2022 243.19553	0-3/8% 10-Year TIPS Series D-2027 9128282L3 July 15, 2017 July 31, 2017 September 29, 2017 November 30, 2017 July 15, 2027 244.61839	0-1/2% 10-Year TIPS Series A-2028 9128283R9 January 15, 2018 January 31, 2018 March 29, 2018 May 31, 2018 January 15, 2028 246.66571	1% 30-Year TIPS TIPS of February 20 912810SB5 February 15, 2018 February 28, 2018 June 29, 2018 October 31, 2018 February 15, 2048 246.59650
Dat	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1 2	2019	252.88500	1.03984	1.03379	1.02521	1.02550
January		2019	252.85768	1.03973	1.03368	1.02510	1.02539
January		2019	252.83035	1.03962	1.03357	1.02499	1.02528
January		2019	252.80303	1.03951	1.03346	1.02488	1.02517
January		2019	252.77571	1.03939	1.03335	1.02477	1.02506
January		2019	252.74839	1.03928	1.03324	1.02466	1.02495
January		2019	252.72106	1.03917	1.03312	1.02455	1.02484
January	8 2	2019	252.69374	1.03906	1.03301	1.02444	1.02473
January	9 2	2019	252.66642	1.03894	1.03290	1.02433	1.02461
January	10 2	2019	252.63910	1.03883	1.03279	1.02422	1.02450
January	11 2	2019	252.61177	1.03872	1.03268	1.02411	1.02439
January	12	2019	252.58445	1.03861	1.03257	1.02399	1.02428
January	13	2019	252.55713	1.03849	1.03245	1.02388	1.02417
January	14	2019	252.52981	1.03838	1.03234	1.02377	1.02406
January	15	2019	252.50248	1.03827	1.03223	1.02366	1.02395
January	16	2019	252.47516	1.03816	1.03212	1.02355	1.02384
January		2019	252.44784	1.03804	1.03201	1.02344	1.02373
January	18 2	2019	252.42052	1.03793	1.03190	1.02333	1.02362
January	19	2019	252.39319	1.03782	1.03178	1.02322	1.02351
January		2019	252.36587	1.03771	1.03167	1.02311	1.02340
January		2019	252.33855	1.03760	1.03156	1.02300	1.02329
January		2019	252.31123	1.03748	1.03145	1.02289	1.02317
January		2019	252.28390	1.03737	1.03134	1.02278	1.02306
January		2019	252.25658	1.03726	1.03122	1.02267	1.02295
January		2019	252.22926	1.03715	1.03111	1.02256	1.02284
January		2019	252.20194	1.03703	1.03100	1.02244	1.02273
January		2019	252.17461	1.03692	1.03089	1.02233	1.02262
January		2019	252.14729	1.03681	1.03078	1.02222	1.02251
January		2019	252.11997	1.03670	1.03067	1.02211	1.02240
January		2019	252.09265	1.03658	1.03055	1.02200	1.02229
January	31	2019	252.06532	1.03647	1.03044	1.02189	1.02218
CPI-U (î	NSA) for:		September 2	2018 252.439	October 2018 25	2.885 Novemb	er 2018 252.038

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				0-5/8% 5-Year TIPS Series X-2023 9128284H0 April 15, 2018 April 30, 2018 August 31, 2018 April 15, 2023 248.39153	0-3/4% 10-Year TIP Series D-2028 912828Y38 July 15, 2018 July 31, 2018 September 28, 2018 November 30, 2018 July 15, 2028 251.01658	S	
Dat	e		Ref CPI	Index Ratio	Index Ratio		
January	1	2019	252.88500	1.01809	1.00744		
January	2	2019	252.85768	1.01798	1.00733		
January	3	2019	252.83035	1.01787	1.00723		
January	4	2019	252.80303	1.01776	1.00712		
January	5	2019	252.77571	1.01765	1.00701		
January	6	2019	252.74839	1.01754	1.00690		
January	7	2019	252.72106	1.01743	1.00679		
January	8	2019	252.69374	1.01732	1.00668		
January	9	2019	252.66642	1.01721	1.00657		
January	10	2019	252.63910	1.01710	1.00646		
January	11	2019	252.61177	1.01699	1.00635		
January	12	2019	252.58445	1.01688	1.00625		
January	13	2019	252.55713	1.01677	1.00614		
January	14	2019	252.52981	1.01666	1.00603		
January	15	2019	252.50248	1.01655	1.00592		
January	16	2019	252.47516	1.01644	1.00581		
January	17	2019	252.44784	1.01633	1.00570		
January	18	2019	252.42052	1.01622	1.00559		
January	19	2019	252.39319	1.01611	1.00548		
January	20	2019	252.36587	1.01600	1.00538		
January	21	2019	252.33855	1.01589	1.00527		
January	22	2019	252.31123	1.01578	1.00516		
January	23	2019	252.28390	1.01567	1.00505		
January	24	2019	252.25658	1.01556	1.00494		
January	25	2019	252.22926	1.01545	1.00483		
January	26	2019	252.20194	1.01534	1.00472		
January	27	2019	252.17461	1.01523	1.00461		
January	28	2019	252.14729	1.01512	1.00450		
January	29	2019	252.11997	1.01501	1.00440		
January	30	2019	252.09265	1.01490	1.00429		
January	31	2019	252.06532	1.01479	1.00418		
~~~	ISA) for:		September 2	2018 252.439	October 2018 2	52.885 November 2018 252	2.038